

Zoom™ In on
In the Sky

Moon



Andrea Rivera

**Zoom™ In on
In the Sky**

Moon



Andrea Rivera

abdopublishing.com

Published by Abdo Zoom™, PO Box 398166, Minneapolis, Minnesota 55439. Copyright © 2017 by Abdo Consulting Group, Inc. International copyrights reserved in all countries. No part of this book may be reproduced in any form without written permission from the publisher. Abdo Zoom™ is a trademark and logo of Abdo Consulting Group, Inc.

Printed in the United States of America, North Mankato, Minnesota
102016
012017



**THIS BOOK CONTAINS
RECYCLED MATERIALS**

Cover Photo: Shukaylova Zinaida/Shutterstock Images
Interior Photos: Shukaylova Zinaida/Shutterstock Images, 1; iStockphoto, 4–5, 6;
NASA's Scientific Visualization Studio, 5, 16–17; NASA's Goddard Space Flight Center, 7; Shutterstock Images, 8, 9,
19, 21; Edwin E. Aldrin Jr./NASA, 10–11; Neil A. Armstrong/NASA, 11; NASA, 12, 13, 14–15, 18; Craig Rubadoux/
Florida Today/AP Images, 15;

Editor: Emily Temple
Series Designer: Madeline Berger
Art Direction: Dorothy Toth

Publisher's Cataloging-in-Publication Data

Names: Rivera, Andrea, author.

Title: Moon / by Andrea Rivera.

Description: Minneapolis, MN : Abdo Zoom, 2017. | Series: In the sky |

Includes bibliographical references and index.

Identifiers: LCCN 2016948919 | ISBN 9781680799323 (lib. bdg.) |

ISBN 9781624025181 (ebook) | ISBN 9781624025747 (Read-to-me ebook)

Subjects: LCSH: Moon--Juvenile literature.

Classification: DDC 523.3--dc23

LC record available at <http://lcn.loc.gov/2016948919>

Table of Contents

Science	4
Technology.	8
Engineering	10
Art	14
Math	16
Key Stats.	20
Glossary	22
Booklinks	23
Index	24

Science



Moons are round objects.

They **orbit** larger planets.
Moons can be different
shapes, sizes, and colors.



Earth has one moon.
It is about 4.5 billion
years old. Scientists
believe a space object hit
Earth. Pieces broke off.





The pieces connected years later.
They formed the Moon.

Technology

People first observed the moon in the early 1600s.
They used **telescopes**.

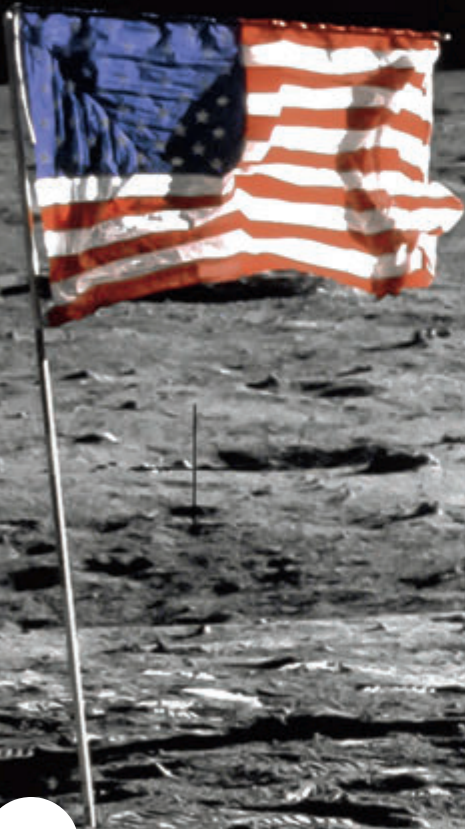




They drew maps of what
they saw. New telescopes
show the Moon more clearly.

Engineering

Humans first landed
on the Moon in 1969.





The **astronauts** wore spacesuits.



**The suits had many layers.
Nothing could get inside.**

**A backpack held oxygen.
This let the astronauts breathe.**



Art

The Moon is covered in large **craters**. These spots can make the Moon look like a face.



This has inspired many artists.



Math

The Moon orbits Earth each month.



It goes through eight **phases**.
Its shadow changes each time.





A full moon looks like a circle.



A crescent moon looks
like the letter C.



- Earth is about four times bigger than the Moon.
- The Moon is around 250,000 miles (400,000 km) away from Earth.
- The Moon is the second brightest object in the sky. The sun is the brightest.
- The Moon does not create light. It reflects light from the sun.



Glossary

astronaut - someone who travels to space.

crater - a dip in the ground shaped like a large bowl.

orbit - to travel around something, usually in an oval path.

phase - a regularly occurring stage of change.

telescope - an instrument that uses lenses, mirrors, or both to make faraway objects look closer.

Booklinks

For more information
on the **Moon**, please visit
booklinks.abdopublishing.com



Zoom In on STEAM!

Learn even more with the Abdo Zoom
STEAM database. Check out
abdozoom.com for more information.

Index

astronauts, 11, 13

colors, 5

Earth, 6, 16

orbit, 5, 16

phases, 17

shapes, 5

sizes, 5

spacesuits, 11, 12

telescopes, 8, 9

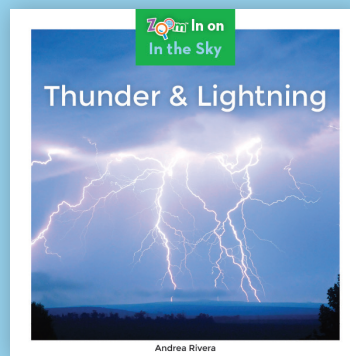
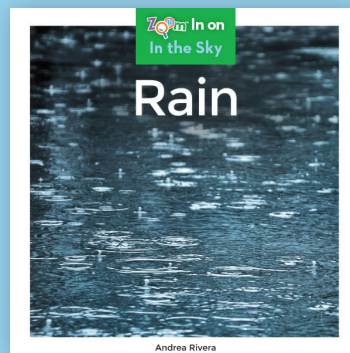
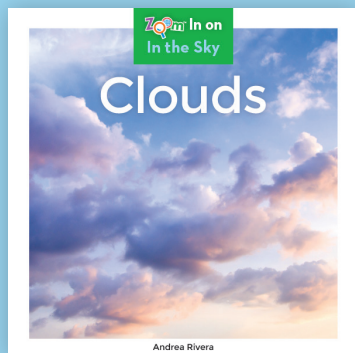
Zoom™ In on In the Sky

Books in this series



RIVERA

Moon



Zoom™ In on STEAM!
POWERED BY ABDO DIGITAL

SCAN THIS CODE NOW*
to instantly access abdozoom.com!

*Scanning QR codes requires a web-enabled smart device with a camera and a QR code reader app.

ISBN 978-1-68079-932-3



ABDO

